

For Research Use Only

CD70 Monoclonal antibody

Catalog Number: 67749-1-Ig **4 Publications**



Basic Information

| | | |
|---|---------------------------------------|---|
| Catalog Number: 67749-1-Ig | GenBank Accession Number: BC000725 | Purification Method: Protein G purification |
| Size: 150ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 970 | CloneNo.: 1A11A10 |
| Source: Mouse | UNIPROT ID: P32970 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:400-1:1600 IF-P 1:200-1:800 |
| Isotype: IgG1 | Full Name: CD70 molecule | |
| Immunogen Catalog Number: AG28070 | Calculated MW: 21 kDa | |
| | Observed MW: 30 kDa | |

Applications

| | |
|--|--|
| Tested Applications: WB, IHC, IF-P, ELISA | Positive Controls: WB : THP-1 cells, IHC : human tonsillitis tissue, IF-P : human tonsillitis tissue, |
| Cited Applications: IHC, IF | |
| Species Specificity: Human | |
| Cited Species: human | |

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------|-----------|--------------|-------------|
| Xi Tian | 35579992 | Int J Cancer | IHC |
| Kriti Verma | 39028952 | Blood Adv | IF |
| Hao Xu | 38734160 | Cancer Lett | IHC |

Storage

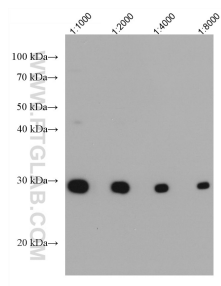
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

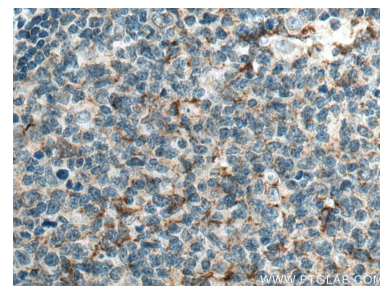
Selected Validation Data



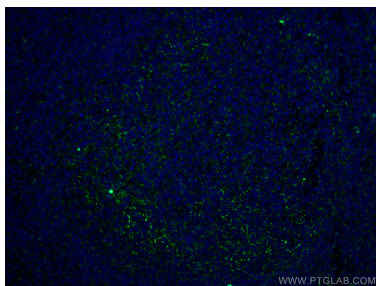
THP-1 cells were subjected to SDS PAGE followed by western blot with 67749-1-Ig (CD70 antibody) at dilution of 1:1000, 2000, 4000 and 8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67749-1-Ig (CD70 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67749-1-Ig (CD70 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD70 antibody (67749-1-Ig, Clone: 1A11A10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).